

A RADIATION EXPOSURE LIMITING SCHEME

Abstract of Disclosure

A method and system for reducing radiation exposure from an imaging system including determining an entry location, operating the imaging system so as to cause the imaging system to emit radiation having a radiation intensity, controlling the radiation intensity in a manner responsive to the entry location so as to create image data and processing the image data so as to create processed image data. In an alternative embodiment, a medium encoded with a machine-readable computer program code for reducing radiation exposure from an imaging system, the medium including instructions for causing a controller to implement the aforementioned method.

$$\left(\frac{\partial}{\partial t} - \vec{v}_0 \cdot \vec{\nabla} + \vec{v}_0^T \vec{\nabla} + \vec{v}_0^T \vec{v}_0 + \frac{1}{2} |\vec{v}_0|^2\right) \vec{u}(t, \vec{x}) = -\vec{g}_0^T \vec{u}(t, \vec{x}) + \vec{f}_0(t, \vec{x}).$$

Figures